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## PATENT ABSTRACTS OF JAPAN

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(57) Abstract:

**PURPOSE:** To conduct cooling under a comfortable condition by a method wherein, in the case where cooling operation is continued for a long time period, a compressor is kept stopped (to stop cooling operation) for a predetermined time period from the time when the cooling operation has been continued for more than a predetermined time period.

**CONSTITUTION:** A control circuit 1 for cooling compressor COM is actuated and stopped by a normally open contact 52Ca of a magnet switch 52C of which the solenoid is energized and deenergized by a room thermostat RT. The solenoid of the switch 52C is connected in parallel with a first timer TM<sub>1</sub> for limiting the cooling time, and a normally open contact TM<sub>1a</sub> of the timer TM<sub>1</sub> is connected through the thermostat RT with a second timer TM<sub>2</sub> for releasing the cooling limit. The timer TM<sub>2</sub> is connected in parallel with an auxiliary relay X through its normally closed contact TM<sub>2b</sub>. A normally open contact Xa of the relay X is connected, as a self-maintaining contact, in parallel with the contact TM<sub>1a</sub>.

